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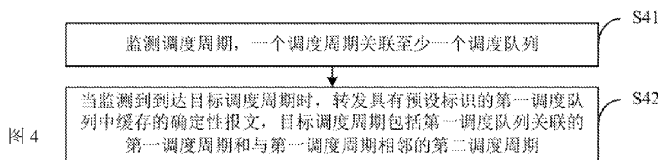
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(54) Title: PACKET TRANSMISSION METHOD, APPARATUS, NETWORK DEVICE, AND STORAGE MEDIUM

(54) 发明名称: 一种报文传输方法、装置、网络设备及存储介质



S41 MONITOR SCHEDULING CYCLES, WHEREIN ONE SCHEDULING CYCLE IS ASSOCIATED WITH AT LEAST ONE SCHEDULING QUEUE
S42 WHEN ARRIVING AT TARGET SCHEDULING CYCLES IS DETECTED, FORWARD A DETERMINISTIC PACKET CACHED IN A FIRST SCHEDULING QUEUE HAVING A PRESET IDENTIFIER, WHEREIN THE TARGET SCHEDULING CYCLES COMPRISE A FIRST SCHEDULING CYCLE ASSOCIATED WITH THE FIRST SCHEDULING QUEUE AND A SECOND SCHEDULING CYCLE ADJACENT TO THE FIRST SCHEDULING CYCLE

(57) Abstract: A packet transmission method, an apparatus, a network device, and a storage medium, relating to the technical field of communications. The method is applied to the network device. The method comprises: monitoring scheduling cycles, wherein one scheduling cycle is associated with at least one scheduling queue; and when arriving at target scheduling cycles is detected, forwarding a deterministic packet cached in a first scheduling queue having a preset identifier, wherein the target scheduling cycles comprise a first scheduling cycle associated with the first scheduling queue and a second scheduling cycle adjacent to the first scheduling cycle. By applying the technical solution provided by embodiments of the present application, the resource utilization rate of the network device can be improved.

(57) 摘要: 一种报文传输方法、装置、网络设备及存储介质, 涉及通信技术领域, 应用于网络设备, 该方法包括: 监测调度周期, 一个调度周期关联至少一个调度队列; 当监测到到达目标调度周期时, 转发具有预设标识的第一调度队列中缓存的确定性报文, 目标调度周期包括第一调度队列关联的第一调度周期和与第一调度周期相邻的第二调度周期。应用本申请实施例提供的技术方案, 能够提高网络设备的资源利用率。

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HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO,
PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF,
CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN,
TD, TG)。

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— 包括国际检索报告(条约第21条(3))。